GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3685
ANSWERED ON:21.03.2001
SETTING UP OF NUCLEAR POWER STATIONS
CHANDRA BHUSHAN SINGH

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether presently the country is setting up nuclear power stations of 500 MW capacity instead of 200 MWas had been done in the past;

(b) if so, the reasons therefor;

(c) whether the Government have taken any step to enter into international joint collaboration in respect of nuclear energy projects; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY(SMT. VASUNDHARA RAJE)

(a) Presently, setting up of both 500 MWe and 220 MWe capacity Pressurised Heavy Water Reactors(PHWRs) type nuclear power stations is envisaged.

(b) The setting up of 500 MWe units is in line with the policy of going in for larger unit sizes that the national grid can accept and unit sizes adopted for conventional thermal power plants.

(c) The 500 MWe and 220 MWe PHWR projects are set up & indigenously. An Inter Government Agreement(IGA)

(d) was signed between the Governmentof India and erstwhile Soviet Union in November 1988, which provided for the construction of 2x1000 MWe which belongs to the category of Light Water Reactors. A `Supplement` to the Inter Government co-operation Agreement has been signed by the Government of India and the Government of Russian Federation in June 1998. Subsequently, preparation of Detailed Project Report(DPR) for the project has been taken up andis expected to be completed by mid 2001. Final decision on implementation of the Project depends on the result of its techno-economics viability on the DPR.